FORM PTO-1390 U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. TRANSMITTAL LETTER TO THE UNITED STATES 2923-725 DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. Application No. (if known) **CONCERNING A FILING UNDER 35 U.S.C. 371** New Application 5 50 9 5 8 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/EP2004/003238 March 26, 2004 March 28, 2003 TITLE OF INVENTION IMPROVED OSTEOINDUCTIVE MATERIALS ÁPPLICANT(S) FOR DO/EO/US Jens POHL, Rolf BECHTOLD, Michael KRUSE Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: [X] This is a FIRST submission of items concerning a filing under 35 U.S.C. 371 2. [] This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. [X] This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must 3. include items (5), (6), (9) and (21) indicated below. [X] The US has been elected (Article 31). [X] A copy of the International Application as filed (35 U.S.C. 371(c)(2))] is attached hereto (required only if not communicated by the International Bureau). b. [X] has been communicated by the International Bureau. c. [] is not required, as the application was filed in the United States Receiving Office (RO/US) An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). [] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. [] An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. [X] An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). ITEMS 11. TO 20. below concern other document(s) or information included: 11. [X] An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. [X] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A preliminary amendment. 14. [X] An Application Data Sheet under 37 CFR 1.76. A substitute specification. 15. A power of attorney and/or change of address letter. 16. [A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 17. [and 35 U.S.C. 1.821-1.825 A second copy of the published international application under 35 U.S.C. 154(d)(4).

A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

U.S. APPRICATION NO. New Application D D PCT/EP2004/003238				ATTORNEY DOCKET NO. 2923-725	
20. X Other items or information: [X] RO/101 [] RO/105 [X] ISA/210(ISR) [X] IB/237 [] IB/304 [] IB/308 [] IB 401 [X] IB/409(IPER) [] IB/416 [X] Published Application WO 2004/084965 A2					
21. The following fees are submitted:				CALCULATIONS	PTO USE ONLY
X Basic National Fee\$300.00				\$ 300	
22. X Examination Fee				\$ 200	
If the written opinion prepared by ISA/US or the IPER prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)					
23. X Search Fee If the written opinion of the ISA/US or the IPER prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)				\$ 400	
TOTAL OF 21, 22 AND 23 =				\$ 900	
Additional fee for specification and drawings filed in paper over 100 (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.				\$	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Rate		
- 100 =	/ 50 ≂		x 250	\$	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$	
Claims	Number Filed	Number Extra	Rate		
Total Claims	27 -20 =	7	X \$50.00	\$ 350	
Independent Claims	1 -3=		X \$200.00	\$	
Multiple dependent claim(s) (if applicable) + \$360.00				\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 1,250	
Applicant claims small entity status. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$ 1,250	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$ 1,250	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$ 40	
TOTAL FEES ENCLOSED =				\$ 1,290	
				Amount to be refunded	\$
				Amount to be charged	\$

U.S. APPLICATION NO. (If known) ATTORNEY DOCKET NO. INTERNATIONAL APPLICATION NO. **New Application** PCT/EP2004/003238 2923-725 A check in the amount of \$ to cover the above fees is enclosed. Х Please charge my Deposit Account No. 02-2135 in the amount of \$ 1,290 to cover the above filing fees and the assignment b. recordation fee. A duplicate copy of this sheet is enclosed. \mathbf{X} The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment C. to Deposit Account No. 02-2135. A duplicate copy of this sheet is enclosed. NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37/CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. SEND ALL CORRESPONDENCE TO: Customer No. 06449 Robert B. Murray Name Rothwell, Figg, Ernst & Manbeck 1425 K St., N.W. 22,980 Washington, D.C. 20005

Phone: 202/783-6040

Registration Number